

Press Release

To: Arkansas Media
From: Robert J. Alvey, Communications Manager
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CC: Governor's Office
Date: Monday, July 5, 1999
Re: May meeting of the Authority Board of Directors

Board Approves 3 Basic Research Proposals; UALR & UAF to Get Funds

The Board of Directors for the Arkansas Science & Technology Authority approved funding for three Basic Research proposals at its May 21 meeting in Little Rock. Funding for the three projects, one at the University of Arkansas at Little Rock and two at the University of Arkansas, Fayetteville, totaled \$177,048. They are:

1. PROPOSAL NO. 99-B-29, "Newton-Krylov-Schwarz and Multilevel Parallel Implicit Solvers for Multigroup Radiation Transport Systems," by Dr. Nickolas S. Jovanovic of the University of Arkansas at Little Rock, in the amount not to exceed \$53,296.00.

If successful, this research will allow Arkansas companies to explore this technology and remain abreast of competitors that use massively parallel processors, ranked among the 500 fastest computers in the world.

2. PROPOSAL NO. 99-B-21, "Finite-temperature Properties of Ferroelectric Alloys," by Dr. Laurent Bellaiche of the University of Arkansas, Fayetteville, in the amount not to exceed \$55,070.00.

If successful, this research would identify the microscopic effects responsible for their anomalous properties and, thus, lead to an optimization of device performance.

3. PROPOSAL NO. 99-B-26, "Enhancing Immune Memory in Old Individuals," by Dr. Jeannine M. Durdik of the University of Arkansas, Fayetteville, in the amount not to exceed \$68,682.00.

If successful, this research could eventually contribute to extending and improving the quality of life.

The Basic Research Grant Program is a competitive, (60 percent state: 40 percent institution) matching grant effort to support basic research in science and engineering. The goals of the Basic Research Grant Program are to promote and support the growth and development of Arkansas scientists and to enhance the status of science and engineering in Arkansas colleges and universities.

<http://www.state.ar.us/asta/basic.html>

The Arkansas Science & Technology Authority serves as a statewide funding resource for high quality scientific and technological projects. The Authority endeavors to bring the benefits of science and technology to the people and state of Arkansas through scientific research, technology development, business innovation, and education.

Board Action 5, May 21, 99/ Bdmtg/News/Communications Manager/e